WE CLAIM:

1. An automated speech recognition filter, comprising:

5   means for determining one or more models representative of a
signal degradation of a first speech signal transmitted from a transceiver to said
automated speech recognition filter; and

        means for providing a second speech signal as a function of the
one or more models, the second speech signal being an approximation of the

10   first speech signal.

2. An automated speech filtering device, comprising:

        means for determining one or more models representative of a
signal degradation of a first speech signal transmitted from a transceiver to said

15   automated speech recognition filtering device; and

        means for providing a second speech signal as a function of one or
more models, the second speech signal being an approximation of the first
speech signal; and

        a database operable to store a user profile corresponding to the

20   first set of one or more models.

3.   An automated speech recognition system, comprising:

means for determining one or more models representative of a signal degradation of a first speech signal transmitted from a transceiver to said

5   automated speech recognition system, and

means for providing a second speech signal as a function of the one or more models, the second speech signal being an approximation of the first speech signal; and

an automated speech recognition platform operable to provide an

10   audio signal in response to a reception of the second speech signal, the audio signal corresponding to a context of the first speech signal.

4.   An automated speech recognition filtering method, comprising:

determining one or more models representative of a signal

15   degradation of a first speech signal transmitted from a transceiver; and

providing a second speech signal as a function of the one or more models, the second speech signal being an approximation of the first speech signal.

20   5.   An automated speech recognition filtering device, comprising:

a database operable to store a user profile corresponding to a transceiver, the user profile including a first variable indicative of an identification of the transceiver; and

an automated speech recognition filter operable to determine a

25   transceiver transmission model in response to a reception of the first variable, the transceiver transmission model being representative of a first signal degradation on a first speech signal by the transceiver.

6. The automated speech recognition filtering device of claim 5, further comprising:

a noise discrimination module operable to provide a noise discrimination signal in response to a reception of the first speech signal by said automated speech recognition filtering device,

wherein said automated speech recognition filter is further operable to provide a second speech signal as a function of the transceiver transmission model and the noise discrimination signal.

7. The automated speech recognition filtering device of claim 5, further comprising:

a noise suppression module operable to provide a second speech signal in response to a reception of the first speech signal by said automated speech recognition filtering device, the second speech signal being a product of an attenuation of a noise component from the first speech signal,

wherein said automated speech recognition filter is further operable to provide a third speech signal as a function of the transceiver transmission model and the second speech signal.

8. The automated speech recognition filtering device of claim 5, wherein

said automated speech recognition filter is further operable in response to a reception of the first variable to determine a transceiver reception model representative of a second signal degradation of the first speech signal by the transceiver.

9.	The automated speech recognition filtering device of claim 8, further comprising:

a noise discrimination module operable to provide a noise discrimination signal in response to a reception of the first speech signal by said automated speech recognition filtering device,

wherein said automated speech recognition filter is further operable to provide a second speech signal as a function of the transceiver transmission model, the transceiver reception model, and the noise discrimination signal.

10.	The automated speech recognition filtering device of claim 8, further comprising:

a noise suppression module operable to provide a second speech signal in response to a reception of the first speech signal by said automated speech recognition filtering device, the second speech signal being a product of an attenuation of a noise component from the first speech signal,

wherein said automated speech recognition filter is operable to provide a third speech signal as a function of the transceiver transmission model, the transceiver reception model, and the second speech signal.

11.	The automated speech recognition filtering device of claim 5, wherein:

the user profile further includes a second variable indicative of an identification of wireless network within a transmission signal path between the transceiver and said automated speech recognition filtering device; and

said automated speech recognition filter is further operable to determine a wireless transmission model in response to a reception of the second variable, the wireless transmission model being representative of a second signal degradation of the first speech signal along the transmission signal path by the wireless network.

12.   The automated speech recognition filtering device of claim 11, further comprising:

a noise discrimination module operable to provide a noise

5   discrimination signal in response to a reception of the first speech signal by the automated speech recognition filtering device,

wherein said automated speech recognition filter is further operable to provide a second speech signal as a function of the transceiver transmission model, the wireless transmission model, and the noise discrimination signal.

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13.   The automated speech recognition filtering device of claim 11, further comprising:

a noise suppression module operable to provide a second speech signal in response to a reception of the first speech signal by said automated

15   speech recognition filtering device, the second speech signal being a product of an attenuation of a noise component from the first speech signal,

wherein said automated speech recognition filter is further operable to provide a third speech signal as a function of the transceiver transmission model, the wireless transmission model, and the second speech signal.

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14.   The automated speech recognition filtering device of claim 5, wherein:

the user profile further includes a second variable indicative of an identification of wireless network within a reception signal path between the

25   transceiver and said automated speech recognition filtering device;

said automated speech recognition filter is further operable to determine a wireless reception model in response to a reception of the second variable, the wireless reception model representative of a second signal degradation of the first speech signal along the reception signal path by the

30   wireless network.

15.   The automated speech recognition filtering device of claim 14, further comprising:

a noise discrimination module operable to provide a noise
5   discrimination signal in response to a reception of the first speech signal by said automated speech recognition filtering device,

wherein said automated speech recognition filter is further operable to provide a second speech signal as a function of the transceiver transmission model, the wireless reception model, and the noise discrimination signal.
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16.   The automated speech recognition filtering device of claim 14, further comprising:

a noise suppression module operable to provide a second speech signal in response to a reception of the first speech signal by said automated
15   speech recognition filtering device, the second speech signal being a product of an attenuation of a noise component from the first speech signal,

wherein said automated speech recognition filter is further operable to provide a third speech signal as a function of the transceiver transmission model, the wireless reception model, and the second speech signal.
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17.   The automated speech recognition filtering device of claim 5, wherein:

the user profile further includes a second variable indicative of an identification of wireline network within a transmission signal path between the
25   transceiver and said automated speech recognition filtering device;

said automated speech recognition filter is further operable to determine a wireline transmission model in response to a reception of the second variable, the wireline transmission model being representative of a second signal degradation of the first speech signal along the transmission signal path by the
30   wireline network.

18. The automated speech recognition filtering device of claim 17, further comprising:

a noise discrimination module operable to provide a noise

5 discrimination signal in response to a reception of the first speech signal by said automated speech recognition filtering device,

wherein said automated speech recognition filter is further operable to provide a second speech signal as a function of the transceiver transmission model, the wireline transmission model, and the noise discrimination signal.

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19. The automated speech recognition filtering device of claim 17, further comprising:

a noise suppression module operable to provide a second speech signal in response to a reception of the first speech signal by said automated

15 speech recognition filtering device, the second speech signal being a product of an attenuation of a noise component from the first speech signal,

wherein said automated speech recognition filter is further operable to provide a third speech signal as a function of the transceiver transmission model, the wireline transmission model, and the second speech signal.

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20. The automated speech recognition filtering device of claim 5, wherein:

the user profile further includes a second variable indicative of an identification of wireline network within a reception signal path between the

25 transceiver and said automated speech recognition filtering device;

said automated speech recognition filter is further operable to determine a wireline reception model in response to a reception of the second variable, the wireline reception model being representative of a second signal degradation of the first speech signal along the reception signal path by the

30 wireline network.

21.   The automated speech recognition filtering device of claim 20, further comprising:

a noise discrimination module operable to provide a noise

5   discrimination signal in response to a reception of the first speech signal by said automated speech recognition filtering device,

wherein said automated speech recognition filter is further operable to provide a second speech signal as a function of the transceiver transmission model, the wireline reception model, and the noise discrimination signal.

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22.   The automated speech recognition filtering device of claim 20, further comprising:

a noise suppression module operable to provide a second speech signal in response to a reception of the first speech signal by said automated

15   speech recognition filtering device, the second speech signal being a product of an attenuation of a noise component from the first speech signal,

wherein said automated speech recognition filter is further operable to provide a third speech signal as a function of the transceiver transmission model, the wireline reception model, and the second speech signal.

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23.   The automated speech recognition filtering device of claim 5, wherein:

the user profile further includes a second variable indicative of an identification of a vehicle having said transceiver therein;

25   said automated speech recognition filter is further operable to determine one or more acoustical models in response to a reception of the second variable, the one or more acoustical models being representative of a second signal degradation of the first speech signal by the vehicle.

24. The automated speech recognition filtering device of claim 23, further comprising:

a noise discrimination module operable to provide a noise
discrimination signal in response to a reception of the first speech signal by said automated speech recognition filtering device,

wherein said automated speech recognition filter is further operable to provide a second speech signal as a function of the one or more acoustical models, the transceiver transmission model, and the noise discrimination signal.

25. The automated speech recognition filtering device of claim 23, further comprising:

a noise suppression module operable to provide a second speech signal in response to a reception of the first speech signal by said automated speech recognition filtering device, the second speech signal being a product of an attenuation of a noise component from the first speech signal,

wherein said automated speech recognition filter is further operable to provide a third speech signal as a function of the one or more acoustical models, the transceiver transmission model, and the second speech signal.

26. The automated speech recognition filtering device of claim 5, further comprising:

a noise discrimination module operable to provide a noise discrimination signal in response to a reception of the first speech signal by said automated speech recognition filtering device,

wherein said automated speech recognition filter is further operable to receive an audio signal from an automated speech recognition platform, and

wherein said automated speech recognition filter is further operable to provide a second speech signal as a function of the transceiver transmission model, the noise discrimination signal, and the audio signal.

27.   The automated speech recognition filtering device of claim 5, further comprising:

a noise suppression module operable to provide a second speech

5   signal in response to a reception of the first speech signal by said automated speech recognition filtering device, the second speech signal being a product of an attenuation of a noise component from the first speech signal,

wherein said automated speech recognition filter is further operable to receive an audio signal from an automated speech recognition platform, and

10   wherein said automated speech recognition filter is operable to provide a third speech signal as a function of the transceiver transmission model, the second speech signal, and the audio signal.

28.   A method of processing voice commands spoken into a first transceiver and transmitted over a first wireless network, said method comprising:

5   storing a plurality of processing functions, wherein each processing function optimizes voice recognition characteristics for a discrete set selected from at least one of a plurality of transceivers, a plurality of wireless networks and a plurality of wireless network components,

          wherein the first transceiver is one of the plurality of transceivers

10   and wherein the first wireless network is one of the plurality of wireless networks;

          receiving a signal having an identifying data component,

          wherein the identifying data component indicates at least one of (a) first frequency response characteristics of the first transceiver, and (b) second frequency response characteristics of the wireless network; and

15   responsive to the identifying component, selecting from the plurality of processing functions a selected processing function,

          wherein the selected processing function optimizes processing of the spoken voice commands for at least one of the first transceiver and the first wireless network.

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29.   A method of processing voice commands spoken into a first transceiver and transmitted over a first wireless network, said method comprising:

5   storing a plurality of processing functions, wherein each processing function optimizes voice recognition characteristics for a discrete set selected from at least one of a plurality of transceivers, a plurality of wireless networks and a plurality of wireless network components,

          wherein the first transceiver is one of the plurality of transceivers

10   and wherein the first wireless network is one of the plurality of wireless networks;

          receiving a signal having an identifying characteristic,

          wherein the identifying characteristic indicates at least one of (a) first frequency response characteristics of the first transceiver, and (b) second frequency response characteristics of the first wireless network or components

15   thereof; and

          responsive to the identifying characteristic, selecting from the plurality of processing functions a selected processing function,

          wherein the selected processing function optimizes processing of the spoken voice commands for at least one of the first transceiver and the first

20   wireless network.